

Laws of Motion Notes

Newton's 1st Law:

An object at rest will stay at rest.

An object in motion will stay in motion.

Examples:

Newton's 2nd Law:

_____ is produced when a force acts on an object.

$$F = ma$$

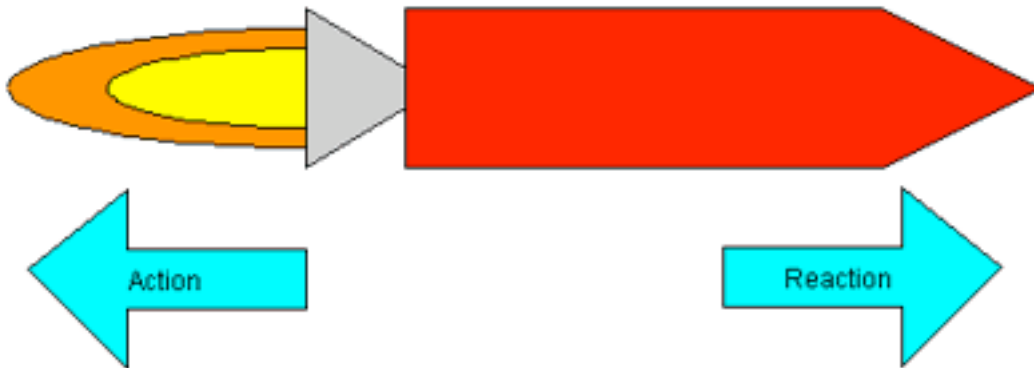
F = force (Newtons)

m = mass (kg)

a = acceleration (m/s^2)

Newton's 3rd Law:

For every action there is an equal and opposite reaction.



Examples: